

Title (en)

Slot insulation for electrical machines.

Title (de)

Nutisolierung für elektrische Maschine.

Title (fr)

Isolation d'encoche pour machines électriques.

Publication

EP 0459716 A1 19911204 (EN)

Application

EP 91304722 A 19910524

Priority

US 53106690 A 19900531

Abstract (en)

Rotor slot insulation (12, 13) for dynamoelectric machines having rotors with subslots includes two slot armors (12, 13). Each extends (12a, 13a) in an offset manner to the transition between the rotor slot and subslot (10) and into the subslot a distance sufficient to eliminate the need for a subslot cover and for providing a creepage path of sufficient length as to prevent creepage between slot windings and rotor iron. <IMAGE>

IPC 1-7

H02K 3/34; **H02K 3/48**

IPC 8 full level

H02K 1/04 (2006.01); **H02K 3/24** (2006.01); **H02K 3/34** (2006.01)

CPC (source: EP KR US)

H02K 3/24 (2013.01 - EP US); **H02K 3/34** (2013.01 - KR); **H02K 3/345** (2013.01 - EP US)

Citation (search report)

- [A] US 4473765 A 19840925 - BUTMAN JR THOMAS R [US], et al
- [A] GB 1472263 A 19770504 - ENGLISH ELECTRIC CO LTD

Cited by

EP1580867A3; FR3105642A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0459716 A1 19911204; **EP 0459716 B1 19941109**; AT E114085 T1 19941115; CN 1056961 A 19911211; DE 69105041 D1 19941215; DE 69105041 T2 19950413; JP H04229036 A 19920818; KR 910020989 A 19911220; US 5065064 A 19911112

DOCDB simple family (application)

EP 91304722 A 19910524; AT 91304722 T 19910524; CN 91103674 A 19910528; DE 69105041 T 19910524; JP 14525691 A 19910522; KR 910008839 A 19910530; US 53106690 A 19900531